

CLAIMS LISTING

1. (original) A graphite capsule/vessel for producing boron nitride which has a cross-sectional area that allows reaction contents to be uniformly heated in order to yield boron nitride in a uniform consistency of crystallinity and purity and allows the reaction gaseous products to readily evolve.
2. (currently amended) The capsule/vessel of claim 1 where ~~the a~~ thickness is in the range of 0.09 to 0.75 inches.
3. (currently amended) The capsule/vessel of claim 1 where ~~the a~~ thickness is in the range of 0.25 to 0.31 inches.
4. (original) The capsule/vessel of claim 1 where the gaseous products evolve from an opening that has a width of approximately one-half of the diameter of the capsule/vessel and has a length substantially the same as the capsule/vessel.
5. (previously presented) The capsule/vessel of claim 1 where the gaseous products evolve from an opening which is approximately 50% of the longitudinal cross-sectional area of the capsule/vessel.
6. (original) The capsule/vessel of claim 1 where the cross-sectional area is in the range of 10 to 115 sq. inches.